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\*Admitted only in Maryland  
\*Admitted only in Virginia  
\*Practice Limited to  
Federal Agencies

September 9, 2005

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Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**Art Unit 2634**

**Attn: Mail Stop RCE**

Re: Allowed U.S. Utility Patent Application  
Application No. 09/632,855; Filed: August 4, 2000  
For: **Wireless Local Area Network (WLAN) Using Universal Frequency  
Translation Technology Including Multi-Phase Embodiments**

Inventors: Sorrells *et al.*  
Our Ref: 1744.0630001

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Request for Continued Examination (RCE) Transmittal (Form PTO/SB/30);
2. PTO-2038 Credit Card Payment Form for \$790.00 to cover:  
\$790.00 RCE Filing Fee (under 37 C.F.R. § 1.17(e));
3. Preliminary Amendment (with (1) sheet of Replacement Drawings (Figs. 6H and 6I));
4. Sixth Supplemental Information Disclosure Statement;
5. Form PTO-1449 (2 sheets) with (1) accompanying document;
6. Submission of Drawings;
7. 187 sheets of Replacement Drawings, approval of which is respectfully requested;  
and
8. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are

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September 9, 2005  
Page 2

necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey  
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Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sorrells *et al.*

Appl. No.: 09/632,855

Filed: August 4, 2000

For: **Wireless Local Area Network  
(WLAN) Using Universal  
Frequency Translation Technology  
Including Multi-Phase  
Embodiments**

Confirmation No.: 2274

Art Unit: 2634

Examiner: Curtis B. Odom

Atty. Docket: 1744.0630001

**Submission of Drawings**

***Mail Stop Amendment***

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are 187 sheets of Replacement and New drawings with Figures 1A, 1B, 1C, 1D, 2A, 2B, 3, 4, 5, 6A, 6B, 6C, 6D, 6E, 6F, 6G, 6H, 6I, 7, 8, 9, 10, 11, 12, 13, 14, 15A, 15B, 15C, 15D, 15E, 15F, 16, 17, 18, 19, 20A, 20A-1, 20B, 20C, 20D, 20E, 20F, 21, 22A, 22B, 22C, 22D, 22E, 22F, 23A, 23B, 23C, 23D, 23E, 23F, 24A, 24B, 24C, 24D, 24E, 24F, 24G, 24H, 24I, 24J, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42A, 42B, 43A, 43B, 44A, 44B, 45, 46A, 46B, 46C, 47, 47A, 47B, 47C, 47D, 48A, 48B, 49A, 49B, 49C, 50, 50A, 50B, 50C, 50D, 51A, 51B, 52A, 52B, 52B-1, 52C, 53, 53A, 53B, 53C, 54, 55, 55A, 55B, 55C, 56A, 56B, 57, 57A, 57B, 57C, 57D, 58, 59, 60, 60A, 60B, 60C, 60D, 61A, 61B, 62, 62A, 62B, 62C, 62D, 62E, 62F, 62G, 62H, 62I, 63, 64, 64A, 64B, 64C, 65, 65A, 65B, 65C, 65D, 65E, 66A, 66B, 67A, 67B, 68A, 68B, 69A, 69B, 70A, 70A-1, 70B, 70C, 70D, 70E1, 70E2, 70F, 70G, 70H, 70I, 70J, 70K, 70L, 70M, 70N, 70O, 70P, 70Q, 70R, 70S, 70S-1, 71A, 71B, 71C, 71D, 72A, 72B, 72C, 72D, 72E, 72F, 72G, 72H, 72I, 72J, 73A, 73B, 74, 75A, 75B, 75C, 76A, 76B, 77, 78, 79A, 79B, 79C, 79D, 80, 81A, 81B, 81C, 82, 83, 84, 85, 86, 87, 88, 89A, 89B, 89C, 89D, 89E, 90A, 90B, 90B-1, 90B-2, 90B-3, 90B-4, 90C, 90C-1, 90C-2, 90C-3, 90C-4, 90D, 91, 92, 93 and 94, corresponding to the above-captioned application. Identification of the drawings is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these drawings into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and

Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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